

# [DIRECT MEMORY ACCESS METHOD FOR CARD READER AND A METHOD FOR PROGRAMMING CONTROLLER OF CARD READER]

## Abstract

A direct memory access method for A card reader and a method for programming A controller of the card reader are provided.

This method actively sets the DMAC and uses the table established by the block status recording area of the memory card to set the DMAC parameter set. The DMAC parameter set is moved to the memory block allocated by the system. Each parameter set includes the initial address for the next parameter set. Hence, by giving the initial address of the DMAC parameter set, can read the DMAC parameters and move the data based on the DMAC parameters. After moving one block, the DMAC will automatically read the next DMAC parameter set. Hence, the reading speed can be enhanced.